

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: DCrespy@aol.com
Subject: [12774] "The Letter" (in QST)
Message-ID: <970222105908_-1608178032@emout08.mail.aol.com>

Gang..

I just read "the letter". Try to get unemotional about it and read the letter again. The basis for this guy's gripe is valid!..the receiving operator IS doing the work.

I think we owe it to the operator on the other end to let him know IN ADVANCE he will be working a QRP station (by signing "/qrp"). All of us and many of the rest of the Ham community ENJOY the challenge of working a QRP stationbut we should not burden those who do not.

72/73

Harry KG5LO
Saline MI

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Mike Rhodes" <weightdn@mail.bright.net>
Subject: [12777] 38S: Multi-Turn Pot Source/Suggestions/Etc. ??
Message-ID: <199702221717.MAA25562@mail.bright.net>

Hi All,

In anticipation of Mike/K1MG's digital readout, I am starting to look for a multi-turn pot for the 38S. Anyone have any favorite parts and or sources? The only current catalog I have at the moment is Mouser and I see a couple 7/8" 10 turn devices for \$12 and up in single quantities. Am thinking that 5 turns might be more appropriate for the tuning range but not too concerned about 5 vs 10 turns, just looking for input from the group.

Along a similar line, I remember reading about the LED bar graph display designed by last years contest winner. Has his circuitry been made public or is this to be in an upcoming issue of QRPP?

TIA

72/73 de Mike / W8DN
weightdn@bright.net
Celina, OH
EN70rm

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: n4so@juno.com (CHARLES K BROWN)
Subject: [12772] Adam KD6POC
Message-ID: <19970222.092217.9399.5.n4so@juno.com>

Adam, of the March QST/ QRP article fame has Email -- KD6POC@juno.com

From: QRZ E-MAIL Callsign Server <lookup@qrz.com>

Callsign: KD6POC
Name: ADAM J MC LAUGHLIN
Addr1: 323 ASUELO WAY
Addr2: SANTA ROSA CA 95401
Country: USA
Class: Extra
Effective: 17 Sep 1996
Expires: 21 Sep 2003
Born: 16 Jan 1980
Location: 38.451 N 122.761 W Sonoma County
Email: KD6POC@juno.com

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: PDouglas12@aol.com
Subject: [12773] ANC-4 mods for QRP
Message-ID: <970222105202_138889504@emout16.mail.aol.com>

Gang,

This relates to the ANC-4 noise cancelling (phasing) device by JPS which a number of us have found to be indispensable in high noise locales. See posts earlier this week for how to buy one or find the Davis RF ad in QST.

Here are the mods I have received directly from Tom Jacks, P.E. K4ICJ at JPS:

1. To increase sensitivity of the T/R circuit to respond to lower powered QRP rigs (not needed for rigs running >3w) Tom says:

"Increasing sensitivity is quite easy to do, Preston. In the pad located close to the two S0239 connectors, locate R18 and R31 (both 3k). Change both of these to 10k and your problem should be solved."

2. To set up the ANC-4 to switch T/R directly from a keyline Tom advises:

"It's not all that hard to do and we may do it ourselves in time if we elect to modify the ANC-4. First, set the Decal jumper to "Fast". Then connect a

1N4004 diode anode (arrow head) to the top (closest to the rear) of R29 and take the cathode (bar) through a wire externally to your keyline. That's all there is to it. Good luck. 73, Tom"

That's it gang. Hope it helps. Since I boosted the power out of my Sierra, I frankly have not needed to try these mods. But I sure saved them for the future.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [12783] AT11-New theory
Message-ID: <01IFPW5YI25U8WW13F@tntech.edu>

OK,

I am a very confused person. After posting about my supposed cure for the AT11, Dwayne from LDG nicely informed me that it wasn't possible that the wire strap on the crystal was the problem.. it is only there for physical support.

Now we have the fact that was about all I did change. Seeing me walk around the house in a most confused manner my XYL proposed that it was obviously due to the obscure nature of crystals. This got me to thinking.

I believe I have come up with the Nils version of the theory of crystals as it pertains to relativity.

I know very little about electronics, but it does seem there is a crystal in about everything. They seem intregal to the workings of oscillators, and don't even the newer type rigs use one of these mystical beasts to multiply and divide and all types of other things. Don't computers use them to do clock cycles .. phones, they are everywhere.

so basically you have a rock that is into vibrating and through the cosmic nature of the universe things get in tune with it and it gets in tune with things to insure the proper harmony of the entire universe.

Now in Arizona.. think it is Sedona, they know all about how important it is to be in tune with crystals.

So it is almost obvious that previous to my strapping down the crystal .. I was not communicating effectively with it.. I was out of vibes (60s child obviously). Then I paid attention to that little dohicky and suddenly my universe was in harmony.

Dwayne and I basically did agree on the fact that since it was now working, and working quite well.. don't mess .. if it ain't no longer broke, no longer try to fix it.

thanks Nils.. I learned so much from you :-)

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [12794] Charging batteries?
Message-ID: <Pine.OSF.3.94.970222165444.26098A-1000000@fly.HiWAAY.net>

Hey Gang, I have 2 separate gel cell batteries by Panasonic. One is a 12V, 6.5Ah/20HR and the other one is the one that I want to take backpacking and camping with me. It is pretty small and lightweight, it is a Panasonic 12V,1.3Ah/20HR. The 6.5Ah one is only reading 2 volts, I tried charging it overnigh, but the voltage was still low, increased maybe a small amount. I guess I've used it a lot in bad wx situations on my 2 mtr ht.

I used my little 1.3Ah one on my 49'er and it discharged it also. It was reading about a volt or two low, now I have charged it a little and it is reading a little over 12V, my question is how long to charge a battery? I guess maybe 10 hrs, according to how low the voltage is? Anyone have any ideas for a battery charger to homebrew? Best 72 DE Matt, AE4JM
Any responses are much appreciated, even if they tell me I'm young and stupid. Hee Hee! Have fun in the FYBO! CUL ..

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: GREGOIRE@endor.com
Subject: [12736] CMOS III HELP ,PLEASE

Hello Gang,

I really expexted the thing to work. I did all of the tests and they came out good. I reset the chip just like the book said

and also like the update said (using more buttons).

The keyer sends out a stream of dits from both sides of the paddles. When the paddles are squeezed, the stream changes to dahs, and on both occasions, the speed pot has no effect on the stream.

I am running the keyer on a diode protected 5 volt supply derived from a 9 volt battery through a regulator for a 4.80 volt(actual reading) supply.

Since I get not OK, and can't reset, I suspect the U1 chip.

Does Idiom Press have an E-mail address? Phone no? Web site?

I'd hate to just send them the chips without any notice.

de AA1IK,
Ernie Gregoire

Lead by example.

It is better to pull a string,
than to push it.

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/21/97 21:56:12

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: GREGOIRE@endor.com
Subject: [12738] CMOS III HELP PLEASE
Message-ID: <Chameleon.970222000616.GREGOIRE@Gregoire.endor.com>

Hello Gang,

I really expected the thing to work. I did all of the tests and they came out good. I reset the chip just like the book said and also like the update said (using more buttons).

The keyer sends out a stream of dits from both sides of the paddles. When the paddles are squeezed, the stream changes to dahs, and on both occasions, the speed pot has no effect on the stream.

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South Rd. Fists # 2644, N.E.QRP # 202
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/22/97 00:05:12

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "A.KeithWilliams" <ki4ja@bellsouth.net>
Subject: [12768] Coherent CW
Message-ID: <330F0644.3FC2@bellsouth.net>

Try this ftp site for CCW information and the website list below for more information.....

<http://www.clark.net/pub/mcclun/>
<http://www.clark.net/pub/mcclun/ccw/>

73....Keith/ki4ja near Alanta,GA

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12741] Debugger #1 Day 6 - Interim 1
Message-ID: <199702220112.TAA15512@admin.inetport.com>

We have BF0 at 12.00126 mhz (min) , tunes with the trimmer

We have VF0...Low as predicted
3.835 mhz to 3.918 mhz at min trimmer
4.453 mhz to 4.585 mhz at max trimmer

Fixing that now....Had to run for some parts...
Fri afternoon traffic ...Yuk!!!

No noise from the speaker....

More later...

Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K8OSG
W6HED W4ZTB

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12785] Debugger #1 day 7 FinalFailure
Message-ID: <199702222035.0AA10450@admin.inetport.com>

Well Gang, I declare failure.... Just ran out of runway...
Thats what ya' get for dwaddling.... :-)

Mike send me your snail mail address and I'll get this on
the way to you Monday...

I guess it's clear that this was no Heathkit :-)
Sure has been a learning experience....

May still be an intermittent oscillation in the RX....

Maybe lots more....

Sure was a thrill hearing those 40m CW sigs last night...
Even heard an OK or OH... Ahhhhh the vertical, of course....

OK Mike, you got it....
Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K8OSG
W6HED W4ZTB

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12758] Debugger 1 Day 6 - Final Report
Message-ID: <199702220646.AAA24648@admin.inetport.com>

ZZZZzzzzzzzzzzzzzzzz.....
Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K8OSG
W6HED W4ZTB

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12746] Debugger 1 Day 6 - interim 2
Message-ID: <199702220342.VAA20016@admin.inetport.com>

We now have vfo at 4.851 - 5.000 mhz

Shy 1 khz on range, but had to choose between
204 pf and 149 khz range or
199 pf and 155 khz range...
chose the 204 and 149.... Now have another foil side part...
Poor board....(Poor following debuggers!!!!)

C5/CB now 195 vz 330 (between U1 pin 6 and 7) and
C7/CC now 204 vz 330 (padder across VFO cap)

More later...Soon as I learn how to use this Radio Shack probe.... :-)
Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K80SG
W6HED W4ZTB

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12754] Debugger 1 Day 6 - Interim 3
Message-ID: <199702220504.XAA22491@admin.inetport.com>

We have audio...mumble mumble....mono plug in
stereo jack...mumble... mumble... dumb dumb...

We hear signals... we are trying to be a regen...
If amp or detector thinks it's an oscillator....

Groan...
Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K80SG
W6HED W4ZTB

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12757] Debugger 1 Day 6 - Interim 4
Message-ID: <199702220634.AAA24447@admin.inetport.com>

Replaced BFO RFC (L6) with specified unit(10uh) and
mounted it on foil side because of clearance problems
with the xtal... Seated the xtal against the board so
it wouldn't wiggle around...(Who wants a wiggley BFO..)
The choke is lying down tight against the board too...
No more wiggle there....

KAWABUNGA!!!!!!....A receiver!!! BFO tunes smoothly...
Antenna circuit peaks....mixer peaks...no regen....

Zounds Jeeves...40m signals....

Why do I hear no CW at the low end of the dial????
BIG BIG bcst stns.....Blocking the RX...(Where's the
AGC??? ...Oh haven't got to that step yet!!)

How about the hi end ???....

Ha!!! The dial tunes bassackwards because of the mixing scheme!!!! CW is lower and CCW is higher!!! Tune CCW....

There they are!!! CW sigs... Big hairy ones....Leedle wee ones!!!
(Must be near 7040.. :-))
Ha!!!

Now for the TX and that #%@\$& driver...Got to work those FYBO boys before 4PM tomorrow....(Thats drop dead time on day 7...) :-)

The night cometh...The tards are settin' in....
Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K80SG
W6HED W4ZTB

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [12781] For Sale IC 735
Message-ID: <330F4984.4BD0@earthlink.net>

For Sale, Icom IC 735, 160-10M, QRP-QR0, with Mic, 250Hz optional filter (new), Good Shape. Box, Manual Asking \$550.

Also have matching SM-6 Desk Mic, Matching SP-3 Speaker, All Boxes, Manuals, etc. \$75

This is an excellent 12V QRP/CW/SSB rig, with a very quiet, wide dynamic range receiver. Dig out the weak ones!

Ken, N6TZV
818-541-0712

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: GREGOIRE@endor.com
Subject: [12737] FW: CMOS III HELP ,PLEASE

-----Original Message-----
Hello Gang,

I really expected the thing to work. I did all of the tests and they came out good. I reset the chip just like the book said and also like the update said (using more buttons).

The keyer sends out a stream of dits from both sides of the paddles. When the paddles are squeezed, the stream changes to dahs, and on both occasions, the speed pot has no effect on the stream.

I am running the keyer on a diode protected 5 volt supply derived from a 9 volt battery through a regulator for a 4.80 volt(actual reading) supply.

Since I get not OK, and can't reset, I suspect the U1 chip.

Does Idiom Press have an E-mail address? Phone no? Web site?

I'd hate to just send them the chips without any notice.

de AA1IK,
Ernie Gregoire

Lead by example.

It is better to pull a string,
than to push it.

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/21/97 21:56:12

-----End of Original Message-----

de AA1IK,
Ernie Gregoire

Lead by example.

It is better to pull a string,
than to push it.

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202
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Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/21/97 22:27:05

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Floyd Smithberg <floydng7x@worldnet.att.net>
Subject: [12747] FYBO AB7TT on Mingus MT.
Message-ID: <19970222034359.AAA18203@LOCALNAME>

Just rcvd word from Joe AB7TT camped on Mingus MT. 8500' that it's 30F at 0320Z and he's on 7040 practicing for FYBO sending with mittens on. Give him a call.

Floyd NQ7X Phoenix ScQRPion dm33uq
ARCI G-QRP NORCAL ARRL

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [12743] FYBO de NA5N and KK6MC
Message-ID: <199702220241.TAA18148@zia.aoc.nrao.edu>

Jim Duffey KK6MC is driving down from Albuquerque tomorrow, where we'll take off for our FYBO site on the Pound Ranch. Will operate from either the high altitude ridge where you can see forever, or from one of the corrals with a windmill (like for an aerial support). This will be 10-15 miles southwest of Socorro, NM. The Pound Ranch, incidentally, is original homesteaded land and comprises of 13 sections of land. So listen for KK6MC or NA5N bouncing between 20 and 40 ... and even 15M if its open. Howard K9PV will be setting up on a high hill several miles away from us ... and Jay Miller WA5WHN is heading to the mountains northwest of Albuquerque. So several of us in NM to work from the field. I'll be using the St. Louis Vertical with W6MMA's loading coil mod for one of the stations.

For those of you not going out to FYBO but prefer the comfort and privacy of your own home ... hey jump in and participate anyway. Don't

feel like you've got to be up to your armpits in a snow drift to be part of the action. These QRP contests are for everyone, so get on the air and work some of us for an hour or two. If you've never done one of these QRP contests ... well, they're just fun.

Got my Radio Shack thermometer calibrated and ready to go. Expect our exchange to be "in the 40's."

CU tomorrow,
Paul NA5N and James KK6MC/5

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Ed Manuel" <n5em-qrp@msn.com>
Subject: [12751] FYBO Forecast
Message-ID: <UPMAIL06.199702220409310491@msn.com>

Weatherperson says middle 30s for Houston tomorrow night. Hot Dog!
Multipliers! All youse guys up north complaining of 60s eat your heart out!

Ed, N5EM
In the nearly frozen South.

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
Subject: [12749] FYBO start and stop times?
Message-ID: <3.0.1.16.19970221194336.11072f40@postoffice.worldnet.att.net>

I know that this was posted....but I deleted it not thinking that I would be home this weekend.

When does the FYBO start and end?

73/72 QRP ARCI # 8911
Gary - W2UX QRP-L # 593
Lexington, SC (EX: WA2UAX)
CW is the REAL THING! Use it or lose it.

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Len W. Tough" <len@infinet.com>
Subject: [12795] FYBO: I Froze My Butt Off - but had fun

Message-ID: <199702222344.SAA06153@mail1.infinet.com>

Hi Gang:

I know it is not quite over yet, but for me it is. I sat in 30 degree temps with intense wind chills (thank goodness for down). I don't remember a winter typhoon warning being posted, do I?

Worked 33 stations. Had some fun, and now is time to thaw out.

BRRRRR - we must be nuts.

Lessons learned?

30 degrees feels much colder with wind chill - much much colder.

If you key fast enough, you will keep the blood going in your fingers.

Wear big headphones - they double as earmuffs.

Sub-Arctic temperature is not quite enough cold to generate super conductivity.

Only CW/QRP could get me to sit like an idiot in those conditions for hours on end.

If you have extra batteries, wear electric socks - my feet are still frozen.

After a very FB 65 degree, sunny day, a 30 degree, high wind, cloudy day really sucks!!!

heh heh

Thanks to all the ops that answered my CQ FYBO - and thanks to Mike and Eric. Without the make-shift enclosere guys, we would not have made it past the first hour.

Best 72/3

Len

KG8SF

len@infinet.com

kg8sf@key.com

QRP-L # 841

CQrp # 2

ARCI # 9025

FISTS # 2134

CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
Web Page: <http://www.infinet.com/~len>

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Paul Stroud <aa4xx@amsat.org>
Subject: [12763] KL Roundtable
Message-ID: <330EF95F.23D5@amsat.org>

Hi Gang,

The KnightLite's Roundtable saw a great turnout this past Sunday night, Feb 16th. The move to 3686 KHz has resulted in a definite improvement regarding QRM, while still allowing Novices and Tech +'s to check into the Roundtable (which did take place this past session).

The Knights would like to welcome newcomer Terry - KD4KVY - from Grayson, GA. It was quite an honor to have Terry check into the net, as it was the third CW contact of his ham career.

Here are some comments from the soapbox: "I worked KH6ON on 40M" (K4NK), "Got a TICK keyer and new audio filter in tonight" (K2SJB), "Had fun with contest. Worked 32 countries with 5 watts (K4WZ), "Running about 2 watts tonight with a new Z Match tuner" (AE4IC), "Had first 2M CW QSO this weekend (N3GO), "Running 1 watt tonight with my little Pixie rig from L.I. (KF2PH), "If anyboby wants some snow, we have lots" (VE3SP), "See you next week in FYBO Contest" (WA8LCZ), "GE to all Knights...Been long time since I checked in" (VE3VAW), "Using my 89'er, running about 500 mW. One 9 volt battery goes a long way!" (WJ4P).

Special thanks go to Chuck, K1CL, who helped with NCS duties. This past session the band rang slightly long, making it difficult for the NCS to copy stations within 125 miles of Raleigh, NC. Additional Net Control stations enable us to work through these local skip zones. That's why the NCS will occasionally ask distant stations to call for check-ins.

We welcome check-ins from any station, QRO or QRP. We meet each Sunday night beginning 0230Z (9:30PM EST) and run for an hour or so. The new net frequency is "The Pixie Frequency" - 3686.4 KHz. The Net Control Station will be using the KnightLite's Club Call WQ4RP. We hope

to hear you this coming Sunday night...

Here's the roster from last Sunday's session, Feb 16th:

N1QQV	Ken	Madison,	CT		569	
K4NK	Les	Greenville,	SC		599	
K2SJB	Dave	Ithaca,	NY		579	
K3QIO	Jim	Wilmington,	DE	5W	449	Dipole
W3KC	Chas	Kensington,	MD		599+	
N7RI	Ralph	Charlottesville,	VA		599	
AC4ZO	Jeff	Cary,	NC		449	
K4WZ	Ron	Forest Park,	GA		599	
AE4IC	Bob	Greensboro,	NC	2W	339	
KF2PH	Nick	Patchogue, (LI)	NY	1W	439	
N3GO	Gary	Raleigh,	NC	2.5W	599	Dipole
VE3SP	Ron	Hamilton,	ON	5W	559	
WA8LCZ	Byron	Warren,	MI	5W	589	Gap Titan
K1CL	Chuck	Chelmsford,	MA	4W	599+	FT840/G5RV
VE3VAW	Brien	Toronto,	ON		599	
WB0CLD	Bill	St. Charles,	MO	5W	449	
KI4PZ	Rick	High Point,	NC	(QSP	via K1CL)	
WB4LZQ	Kim	Piedmont,	SC	5W	599	Dipole
WJ4P	Randy	Summerville,	SC	500mW	599+	OCF Dipole
KD4KVY	Terry	Grayson,	GA	40W	599+	
AA4XX	Paul	Raleigh,	NC	5W	(NCS)	OCF Dipole

-----72 till next Roundtable de WQ4RP-----

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [12790] LDG autotuner questions
Message-ID: <19970222.144906.10302.1.gsurrency@juno.com>

I am posting this message to the list and to Dwayne at LDG, since recently many of us got new tuner kits.

How long does it take for the tuner, QRO or QRP, to go to sleep?
I didn't see in the manuals anything about the time interval between active and inactive (sleep) mode.

I noticed that the QRP tuner can be put to sleep in either auto or semi modes by press the CAP and IND switches together.
If you made the correction to the wiring of these switches that I posted earlier, you have to press the two toggles UP at the same time, not DOWN as the manual describes.

That change was to made to the QRP unit to make its operation the same as the QRO unit, i.e., UP on the toggles means increase CAP or IND, not to decrease them as wiring according to the manual would do. The QRO tuner uses SPST pushbuttons, not SPDT toggle switches, but the operation should be the same as the silk screening shows on either unit. SPDT toggles actuate the reverse terminal from the toggle position.

I'm listening to my QRP tuner now with a big "birdie" at about 14.147 MHz to see if it ever goes to sleep on its own in the semi mode. So far, as I write this, it hasn't.

I don't know about the behavior of the QRO model, since I just removed the uP from it and returned it to LDG for a software (firmware?) upgrade, and my unit was purchased Feb 16, 1996 and had the old code in it.

Just wondering what the story is here, and figured the rest of you might be interested too. BTW, the QRP tuner is still "awake" as I finish this.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Marcus Leatham" <leatham@nortel.ca>
Subject: [12767] LDG, OHR, JPS, NORCAL
Message-ID: <199702221438.JAA142329@nss2.CC.Lehigh.EDU>

My LDG QRP tuner is functioning perfectly on the first try!

My LDG AT-11 tuner is waiting for parts, prognosis excellent.

My OHR DD-1 arrived yesterday, and is assembled but not tested.

JPS ANC-4 is on order.

My OHR-400 (nice big box) is going to get several 12V jacks added to the back for daisy-chaining these 12V add-ons.
The 1N4001 diode in the OHR-400 power circuit will protect

the other devices from reverse polarity supplies, too!

The 38 Special kits (2 of them) arrived and I've fondled them but not built them yet. I'm waiting for "inspiration" about the box and controls. I have 125 pages of related QRP-L email to read before I do anything. Replacement xtals are on order (<<<Yes>>> I sent NorCal some money to help with their expenses).

QRP camping trip planned for Memorial Day weekend. Hope the FYBO guys are having fun! I'm off to see if my .220 Swift Remington 700 can win the 100-yd benchrest competition today. Lightened up that trigger... Put on a new set of Redfield scope mounts... Skipped the coffee this morning... Badgers better watch out... Armed & Dangerous...

Regards,
Marcus Leatham KR5N
Dallas, TX

+-----+
| My life is based on a true story. |
+-----+

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Yong K Cho" <yongcho@yongcho.seanet.com>
Subject: [12748] Mod for SW-40
Message-ID: <199702220352.TAA13188@mx.seanet.com>

Hi Dave

My name is Yong, n7zei. I built SW-40 years ago. It works fine except low power out.

Do you have any mod for around 5W.

Thank you for your time.

72/73 Yong, n7zei

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: wpc@west.net (John L. Roblin / Whiterook Products Co.)
Subject: [12742] New QRP Photo Web Site!!!
Message-ID: <v01530508ae7769da0be7@[205.254.241.72]>

Hi Everyone!

I just added a unique page to our website: "The Joys of QRP!"

This section of our site features photos of QRP rigs with our Pocket Mini-Keys and Pocket Mini-Paddles.

I hope you all like this unique concept of mine. It should prove to be a lot of fun!

So far, we only have a couple of photos. We'd love to have more!!! I invite all of you to submit similar photos *via E-mail* to be included in this special section of our web site.

You may go there directly with this URL:

<http://www.west.net/~wpc/joys.html>

Have Fun! 72/73, John

John L. Roblin, WA6KY0 (QRP-L #759)
Whiterook Products Company (WPC)
309 South Brookshire Ave.
Ventura, CA 93003-4413 U.S.A.

Telephone & Fax: +1-805-339-0702
E-mail: wpc@west.net
World Wide Web Site: <http://www.west.net/~wpc/>

Manufacturer of Unique Amateur Radio Products, Pocket Mini-Keys & Mini-Paddles, Electronic Kits, and Commercial Grade Clocks.

*NEW! QRP T-Shirt, Pocket Mini-Keyer, Pocket Micro-Key, QRP Antenna Items
Check out our new JOYS OF QRP photo section of GREAT QRP Gear!!!

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: kc4mhm@juno.com (ed miller)
Subject: [12775] OHR Group Buy
Message-ID: <19970211.054733.4967.1.KC4MHM@juno.com>

I am a new subscriber to QRP-L and just heard something about a group buy from OHR. Am I too late? If not how do I take advantage of this offer?

73 from Ed KC4MHM

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Floyd Smithberg <floydnq7x@worldnet.att.net>
Subject: [12740] Phoenix ScQRPions
Message-ID: <19970222005126.AAA25381@LOCALNAME>

Well the BIG Motha antenna is up and the ScQRPion home base will be ready for FYBO tomorrow at 10am! Brian and I spent about 4 hrs today measuring it out and hoisting it aloft while dodging scorpions, snakes and coyotes. It tuned up fb with my analyzer, HB ATU and Brian's QRP+ but I had to leave before any contacts were made. Brian is standing shotgun on it tonight and will make a few test QSO's during the evening. Dan, Kent, Bill, et al will be out early tomorrow am to assemble additional antennas and operate. I'm monitoring Mingus 147.00 at home tonight for Joe. The rest of the mountain topper ScQRPions will join him there tomorrow am to set up and open FYBO from the remote base.

Anyone in Phoenix area wishing to join us tomorrow go west on Olive to White Tanks Park then continue in the park to Willow Canyon Rd. make a left and on about a mile. We're on the right...can't miss us.

BTW, a Boy Scout group is just down the road and we've invited them up for a show and tell...potential QRP'rs.

Floyd NQ7X Phoenix ScQRPion dm33uq

ARCI G-QRP NORCAL ARRL

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [12792] Proamm Monoband Mobile Antenna Woes
Message-ID: <330F780D.2029@concentric.net>

Hi All,

I just picked up several of the Proam Hamstick clone antennas. I mounted the first one, the 40 meter antenna about 3 weeks ago and it tuned up great, about 1:3-1 and worked fine. The whole plan here was to be able to work some QRP mobile. The antenna mount is on the back right corner of 3/4 Chevy conversion van. The mount is a stud mount clamped to the aluminum ladder on the back. The mount is stainless steel and I have not made any provisions for extra grounding. I have looked and it appears that the ladder is bolted right to the metal of the door without any insulation. At first the 40 meter antenna worked just fine. I then started to notice some signal flutter when driving. Then it would start

to go "deaf" at times. I checked the coax, the connectors and all. SWR will now not go below 3:0-1 anywhere in the 40 meter band. Now the plot thickens. I replaced the stud mount as it appeared the ham fest special that I had could short to the stud maybe. Then I found that something in the coax or connectors had gone bad, so, new coax and connectors and stud mount. Stuck the 17 meter stick on there and it tuned up just fine. 1:4-1 or less all across the band both on the Autek RF-1 and direct reading. Same same on the 20 meter stick. Tuned up just nice. BUT the 30 meter stick will not go below 2:5-1 and the 40 meter stick will not go below 3:0-1 now. All I had before was the 40 meter stick and at first it tuned up fine. Now the 40 meter and 30 meter stick will not tune. Is it possible that the mount needs extra grounding? I tried running a jumper wire from what appeared to be a good chassis ground to the mount and it did not appear to make a difference. The way that the antennas mount, about half of the bottom is within 6 inches of the body, but all of the main coil on the bottom is in the clear of the roof and the stinger is completely above the roof, only the bottom third of the antenna is below the roof line. HELP! I just spent about 2-3 hours trying to figure it out and cannot. All advice excepted.

Best
Jess NOTFI

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [12739] QRP QUARTERLY ISSUES NEEDED
Message-ID: <Pine.BSI.3.93.970221192726.20300H-100000@u1.abs.net>

Mike,

I have original copies of the Quarterly from Vol.17-#2 July 1979 to present, in my personal Collection. I Have at least one set from 1986 to date in the Maryland Milliwatt Library. It is missing 4 issues which were stolen while at MRC and one issue which I didn't receive any extras from you. They are 1990-#1, 1990-#2, 1991-#2, 1992-#3, and 1996-#3. I am including a check list of what we need for the Library Collection. Please check and let me know if you can provide any of the items needed.

TKS ES QRP DX TU
Danny

Extra copies are needed for The Maryland Milliwatt QRP Reference Library.
The goal is to have three complete sets for the Eastern Region.

1986-#1 = - Copies	1990-#1 = 3 Copies	1994-#1 = - Copies
1986-#2 = - Copies	1990-#2 = 3 Copies	1994-#2 = - Copies
1986-#3 = 2 Copies	1990-#3 = - Copies	1994-#3 = - Copies
-----	1990-#4 = 2 Copies	1994-#4 = - Copies
1987-#1 = 2 Copies	1991-#1 = 2 Copies	1995-#1 = - Copies
1987-#2 = 2 Copies	1991-#2 = 3 Copies	1995-#2 = - Copies
1987-#3 = 2 Copies	1991-#3 = 1 Copies	1995-#3 = - Copies
1987-#4 = 1 Copies	1991-#4 = - Copies	1995-#4 = - Copies
-----	-----	-----
1988-#1 = - Copies	1992-#1 = - Copies	1996-#1 = - Copies
1988-#2 = 1 Copies	1992-#2 = 1 Copies	1996-#2 = - Copies
1988-#3 = 2 Copies	1992-#3 = - Copies	1996-#3 = 3 Copies
1988-#4 = - Copies	1992-#4 = 3 Copies	1996-#4 = - Copies
-----	-----	-----
1989-#1 = 2 Copies	1993-#1 = - Copies	1997-#1 = - Copies
1989-#2 = - Copies	1993-#2 = - Copies	1997-#2 = 3 Copies
1989-#3 = - Copies	1993-#3 = - Copies	1997-#3 = 3 Copies
1989-#4 = - Copies	1993-#4 = - Copies	1997-#4 = 3 Copies
-----	-----	-----

Also needed any issues of the QRP Quarterly before 1986. We also accept donations of any other QRP Publications, Newsletters or related materials.

Please Contact G. Danny Gingell, K3TKS@abs.net or (301)572-6789

Your assistance is greatly appreciated by the members of the Maryland Milliwatt Club and The QRP Reference Library.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [12784] QRP+
Message-ID: <01IFPWE7QM2W8WW13F@tntech.edu>

Many years ago I tried very hard to get a QRP+. Even arranged for whole bunches of other people to get a group deal, then went busted and had to sell mine before it ever ended up at my door.

A few years later I was going to be in Arizona for a conference. A very nice local ham arranged to come and get me and my family and drive to his house, have some dinner and play with his QRP+ I

would finally get to touch one.

Well Arizona in the summer seemed quite hot and dry.. the one evening I went to his house.. heavy rain and thunder and lightning all night.. I was doomed. Put one finger on it.. but he wouldn't even turn the power on.

Recently I purchased one of the newer ones and it came Friday pm.

I have since been on 20, 40 both CW and SSB. The reason I was hesitant to purchase one in the first place was the real uncertainty of it on SSB. I am preparing a personal reaction to the rig (not review) been taking notes.

My first contact was 40 mtrs CW.. Cuba, my first SSB was on SSB, the band was not real good, as a matter of fact .. it was bad. I worked Portugal first call.. he was looking to work a bunch of people, but before saying 73, I mentioned I was on a new rig running 3 watts. Well had trouble shutting him up after that :-)
Getting very favorable reports on both modes.

Was a bit hyper last night between the tuner working and the new rig. so after everyone was asleep.. went into the shack at about 11pm (usually much after my bedtime) for the heck of it.. turned on 160 mtr with my dipole.. lo and behold a contest.. this one always cracks me up.. even with high power, hams sit and yell back and forth just trying to get the exchange completed. I am brace.. despite that commentary in QST about how evil and inconsiderate I am expecting the ham on the other end to put up with my meager station that I don't really have a right to operate.

Well after not getting thru on my first.. worked about everyone else I heard.

I like how easy it is to use. I like the CW keyer. the filter seems ok.. not sure I like having to switch it between CW and SSB.. wish memories memorized the filter settings. like the memories and the fast tuning. The QSK is just fine. The receiver seems plenty good. I got the matching Icom mike.. the SSB works really well.. reminds me of my Argonaut 509, had no problem with SSB/QRP on it.. and i used it mobile. the split feature is neat.

I was surprised, really thought it would be smaller and lighter.. it sure seems sturdy. I am annoyed with the meter in CW send mode.. it makes noise.. wish I could disable the meter in send mode and just have it work in receive for S meter.

I am really happy with the rig so far.

73

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: n4so@juno.com (CHARLES K BROWN)
Subject: [12771] QST Index Search
Message-ID: <19970222.091213.9399.4.n4so@juno.com>

You can do your own search of information from the yearly indexes of QST with QST Search by WB2PKG.
My version starts at 1992 and goes back to 1977.
Here is a sample search:

Coherent CW
.... in 30 seconds up pops
May and June QST of 1981 part 1 and part 2 articles.

from ARRL Bulletin Board System 860-594-0306 file name
qstsearc.zip , requiring pkunzip.exe to unzip the file.

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: km@PACT.ORG.PE ()
Subject: [12793] Report from HR6\KA20IG\QRP
Message-ID: <m0vyQ5U-000VKEC@uurcp.rcp.net.pe>

22 FEB 97

30 meters is a day-time Band?

Report from HR6\KA20IG\QRP -- Morgan's Cay, Bay Islands, Honduras

BACKGROUND:

The XYL and I were treated to 10 days of R&R -- we'd been through the Japanese Embassy "thing" in December. Stay tuned, once the hostages are all out I'll fill you in on the "inside" radio story. WHAT, you did not copy that one? -- So we went off to a quiet place. Having worked in Honduras twice but never having

been to the Bay Islands made it a logical place to go considering that the "home of record" was Connecticut and it was mid-Feb!

First apologies for the initial mix up was it HR8 or HR6? Then apologies to the Q-QRP members. Try as I might, I never did hear any European stations, and these islands were settled by the British a couple of ways back in the 1700's. Then to the NW-QRP crowd - I was in there Monday night - sorry no action. Here in Lima I can hear you from time to time. I did work Mike (W7AJ) 2-way QRP but just before sunset.

STATISTICS:

Dates 29 Jan to 8 FEB 97

RIG Oak Hills Research - Explorer II 30 meters CW
ANT Dipole about 25-30 feet up in a few Palm trees - horizontal.
PWR Optimum was 4 watts, but dropped considerably when the XYL turned on the lights!
Solar power via truck batteries
CMOS Super Keyer II

QTH Morgan's Cay, Honduras 16.8 N 86.5 W

States worked: AL AR CA DE DC FL GA IA IL KY OH MA MD MI MN NC
NJ NM NY SC TN TX VA WA WI - BC TI2 & (speaking of QRP o muerte ... venceremos) CM6.

The Florida contacts (10) were the most frequent and then TN came in with 7 contacts followed by 6 in OH & TX, then 4 from MN which I attributed to some sort of a home sensitivity on the part of the Explorer II from Oak Hills Research! There were some New Englanders but they were not operating from New England! Only one came through -- from Mass.

There were 12 2-way QRPs QS0s out of the 73 QS0s

So much for the "statistics" The real fun was in the QS0s and almost QS0s. Many long QS0s were had and some repeats. One of the neatest was with Wayne (WB4FFW) in TN -- although we got QRM'd and had to QSY he took a message for my Mom in Connecticut and relayed it. She came down and brought all of the goodies suggested in the message. Then too, the QS0 with Jim (K6LM/M) in Houston while he was mobile and not running much power at all (7 watts to a mobile vertical if I copied well).

My original intent was to check out the gray line. OP-time was to be sunrise and sunset +/- 1 hour. An here is where the

cultural habits intervene. Yes, about sunrise the band opened, but part of the phenomenon is that folks get up about that time. However, the band folded a couple of hours after sunset (23:38 UTC) and that is pretty early for the US so I do not think that it was a cultural factor there. Moreover, the band stayed opened during the day and about an hour after my sunrise the traffic really started to flow and it stayed opened all day. According to my propagation program, most of the States are only 1 hop away -- we are dealing with N-S propagation.

DX East to West was a loss (Cuba is closer than Florida so that is not a test of E-W DX) and I had a clear shot at the horizon in all directions. Rotating the dipole (many palm trees available) did not change the SWL -- Nothing to the Far East or West. (I went into an SWL mode after the voltage dropped at night).

I heard the pile-ups of that "rare DX" but I could not make out where it was at 22:50 UTC on 6 FEB. Down south I did hear the fellow in Cuenca, Ecuador (HC5) who is usually on in the evening and one CE4 station. Costa Rica is South of Honduras, but that is a half a skip away! There really isn't much CW action on 30 meters here in South America (a fair amount of SSB pirates though!)

Running solar power -- the house had 3 panels, 2 truck batteries which had seen better days, and a few light bulbs. After the sun was up the "system" was supplying 16 Volts! Big fears on my part so by turning on one of the light bulbs it would drop down to about 14 Volts. Those were the brighter moments :>{)

The light bulbs were real energy hogs -- they were 12 volters and only about 25 watts, but had big elements and looked like 120 volt jobs. Come sunset I had to watch the voltage and turn off the bulbs - fortunately the XYL has a sense of humor and can read in the dark! I had to use a flash light to read the log. By the time the voltage dropped to 8 volts the Explorer II let the world know that things were not happy. It began chirping like mad! Consistently I got those chirping reports beginning about 10 volts. Also, the Explorer II started hearing chirpy! The first night I was pretty excited and assumed that all of those chirpy stations were HB QRP. At those times if a light bulb were on in the place you could see the "key-down." It also would go into a bit of an offset. That is, transmit on a lower frequency than receiving, but, not to fear, the Explorer's RIT handled that. That is, I'd call CQ and listen down. That is a report on how well the Explorer II can handle low voltage -- pretty well I think.

It was a great vacation, the fresh fish was fine.

Next chore is to make some QSL cards and get them out. Next year I'll wrap up the remaining 25 States!

BTW, I thanked folks who really made an effort to copy me; They made the effort I just pushed the memory "CQ-CQ-CQ" button on the keyer.

One closing comment on Antennas. Here in Lima I've been using a vertical mounted on the roof at about 50 + meters. In preparation for the trip I made a full-sized dipole and hung it as a sloper off the roof down toward the parking lot. Both are resonant. Guess what? Both have vertical polarization, but the dipole was not only an "S-unit" above the vertical, it brought out signals which the vertical did not even have "in the mud."

Viva QRP! Arriba con los dipolos!

72

Kris
OA4DB0 (KA20IG is my US callsign)
ARCI 7272; MI 537; G-QRP 5951; NWQRP 212

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: K4NK@aol.com
Subject: [12764] Search for manual
Message-ID: <970222090329_850398679@emout06.mail.aol.com>

Sorry this is sort of a QRO message but I need help locating a old HW100 Heath manual. I am helping a young blind ham get a rig going. I'll pay \$\$ for printing or an original.

Thanks very much

Les K4NK

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: Robert Paschal <r-paschal@worldnet.att.net>
Subject: [12782] TiCK on 9 Volts???
Message-ID: <19970222194223.AAA18192@LOCALNAME>

I'm building one TiCK as a "stand-alone" keyer. The construction manual calls for a 12v supply. I would like to put the whole thing, including a

9 v battery in a Celestial Seasonings tin. Has anyone tried running the TiCK with the 78L05 on 9 volts? The only data sheets I have (1975 vintage) are for the LM78L05C and LM78L05AC and show a typical minimum dropout voltage (Vin-Vout) of 1.7v which suggests that it might work. Would appreciate any comments -- even those that point out how little I really understand about the situation.

Thanks,

Bob AA0MC

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: timcook@erinet.com
Subject: [12762] TRADE OHR-400?
Message-ID: <330EF676.14D1@erinet.com>

Hi,

I have a like new OHR-400 with the matching digital display that I would like to trade for a Sierra with KC-2. I really like the OHR, but I want to concentrate on 160-80-40 and the OHR doesn't cover 160. I think there are boards available to put the Sierra on 160. The OHR works as advertised. power output is about 7w on 80//6w on 40//4.5 on 20//4 on 30. This is normal according to Dick at OHR. I don't want to sell the OHR outright, if I can't find a Sierra to trade for, I'll just try to get a monobander for 160, but would like it all in one box. Thanks

Tim

NZ8J

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Brian J Keegan" <bkeegan@viconet.com>
Subject: [12760] WHY QRP comment
Message-ID: <199702221218.HAA00124@mail.VICONET>

Martin did bring up one good point in his letter. Many a QRPer owes thanks to patient operator on the receiving end of our SOMETIMES puny signals who went the extra mile to help complete a contact when they simply could've said "Sorry, too weak, QSB, see ya!".

But I think Martin missed another point...no one MADE these operators strain their ears to make the contact. There are at least two major aspects to being a good HF operator. One is to have good

operating (transmitting) practices. The other is having good receiving skills. Anybody can copy a 3kw signal from N.C.. But digging a signal out of the dirt is what gives one a better ear. And it's not only QRP signals that have to be dug out of the noise. I've strained my ears time and time again to hear a DX station send an exchange for the sake of getting a DX QSL card. And I did it because I WANTED to. Not because I had to. And I think I'm a better operator because of it.

I still get a kick out of telling someone I'm QRP AFTER they've sent me a nice signal report and they reply with "FB your QRP. Very nice signal" because I know that person is one step closer to believing (maybe) that you can work the world with just a few watts. Maybe one day young Martin will experience that thrill as well.

Now about that license structure proposal...

See you on the air....Brian KF2HC

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Brian J Keegan" <bkeegan@viconet.com>
Subject: [12769] WHY QRP comment correction
Message-ID: <199702221507.KAA00080@mail.VICONET>

I'd like to make a correction to my previous message regarding the WHY QRP? letter.

I mistakenly used Martin's name when I should have used Adam as I was referring to the letter by KD6POC and not Martin's response.

I apologize for any confusion or hard feelings this may have cause.

Brian KF2HC

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: roy lincoln <x5m7v7wl@coastalnet.com>
Subject: [12788] why qrp? march 97 qst
Message-ID: <1.5.4.16.19970222154932.34ef1b84@abaco.coastalnet.com>

read the letter, he asked the question why? he qualified his thoughts as
" in my opinion ." he's entitled to his opinion just as we qrp'ers are
to ours. a 17 yr. old doesn't have enough "time in grade" to have developed
a well rounded perspective in ham radio or life but there is some merit
in what he has to say.

we hams tend to overlook or forget that most of what we do isn't original
and has been done before, even before most of us were born. very little, if
any, human endeavor means anything to a tree or in the grand scheme of things.

qrp is fun, even exciting. building qrp rigs is too. learning about the
technical side of our hobby is all that gives it meaning when the novelty
of qso's alone wears off.

ham radio, cw, qrp forever!

73 and bcnu all on the bands

roy lincoln wa4dou
qrp arci # 2330
norcal/mich.qrp/ne qrp

p.s. if someone will send me his address
i'll send him a copy of THE QRP QUARTERLY, tnx!

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [12753] ZM-1 vs. St. Louis
Message-ID: <Pine.GS0.3.95.970221232641.27411B-100000@lictor.acsu.buffalo.edu>

Hi Gang,

I just had a failure of a pulley at the top of my HB mast. While trying to
free it I broke the HB 40/20 loop that was almost up. so to square one I
had to go.

I put up an inverted V, apex up at 25', legs each 72 feet, ends 6' off the
ground. Using an MFJ-259 and frequency counter I found some interesting
results.

1) This antenna is not in the same league as my HB vertical on 40M. It is

down an s-unit or more.

2) On 80 through 15 (less 30M) the ZM-1 can get me a match close to 1.2:1.

3) On the same bands the St. Louis tuner cannot get a match below 3:1 on 80 or 20, and 40 is only a bit better.

4) The ZM-1 gets the best match when the DC ground is attached *AND* the RF radial field consisting of 6 radials from 30 to 140 feet long.

5) I guess all of this means that I should cut the antenna legs to 67' each to optimize 80M for the CQC test Sunday night.

Oh, did I mention that the antenna is fed with 100 feet of ladder line? CU all in the contests this weekend.

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [12744] Re: "WHY QRP?" letter in Mar QST (long)
Message-ID: <330e2b66.34507571@smtp.usit.net>

On Fri, 21 Feb 1997 10:19:32 -0500, someone sent me e-mail that said, in part:

>>I also submitted an op-ed piece about a month ago,=20
>
>Would you post this to the list? It sounds interesting and
>might get some support for your ideas.

I have discarded the original piece, but can re-create it. It will be "briefer", which is probably not a bad thing :)

The current discussion on the Internet and various Ham Magazines, including QST, on the code proficiency requirement is troubling to me in one important aspect. I think by using Morse/CW as a barrier to entry into amateur radio HF operation, we do a disservice to the mode.

To this day, I hate broccoli. What does that have to do with this discussion? Well, if it weren't forced on me, I might have learned to like it. You don't tell an individual "it's good for you" and expect them to eat it. We treat Morse/CW much in the same manner.

It is good for you, so "shut up and learn the code."

Rather, I think those of us dedicated to preserving CW need to look at other analogies. We have to recognize that CW is outmoded, ineffective (regardless of the ability to copy CW under difficult circumstances -- PACTOR and AMTOR have us licked, even in weak-signal conditions), and all the other arguments used against the code proficiency requirements of Element 1(a, b, or c) are in fact valid.

But, then again, so is sailing. Why, in the era of supersonic jet transport, would sailing still be popular? Or ballooning?

Frankly, the reason these "outmoded" forms of transportation are still around is for a simple reason: their beauty, their style, and their grace and elegance. Much of their utility comes from a basic recognition that the means/method is as important, if not more important, to some of us than the end objective (i.e., effectiveness).

In other words, those of us dedicated to CW/Morse need to drop it as an entry barrier. We need to talk about the beauty of the means; the simplicity of the radios used. We need to draw people into the mode, rather than forcing it on others. How many teens like learning some sort of code that their parents don't understand? CW/Morse, with its related abbreviations and Q-signals, fits the bill nicely.

When we examine the barriers to entry into amateur radio, the code proficiency is perhaps the least effective. Examine any amateur band, particularly HF, in the presence of your children or grandchildren, and explain to them how the code proficiency requirement helps create courteous amateurs who practice "good amateur radio." I am appalled to allow a youngster on HF, because of the profanity and lack of respect for our fellow amateur.

No, the code proficiency requirement needs to go.

Why do I keep saying code proficiency? Because knowing the code is very, very different than proficiency. And our exams test proficiency, not knowledge. It is a skills-based rather than a knowledge-based test. Rather, I think it simple to include 10 questions on every exam covering recognition. What does the Morse Code combination "didahdidit" represent?

In this respect, we can examine for Morse/CW recognition as we test the aspects of other modes, like RTTY (shifts and encoding methods) and Packet, or SSTV, or even satellite.

What other barriers do we need to drop to increase our ranks?

After a five year absence from the hobby, I was amazed that cost had not changed much. A new HF rig still costs between \$1,000 and \$1,500 for a baseline all-HF-band, all-mode radio. Yet how many 14-year-olds, given the option, would opt to spend their entire summer savings on an HF rig over, say, a Pentium 120 with 6 months of internet access?

One of the objectives of amateur radio is the "advancement of the radio art." Cost makes that a barrier. Even I am loathe to do something as simple as change the finals on a commercial HF rig, much less to attempt to improve the AGC circuit, or add a more effective receive filter.

To me, part of that "advancement" involves the reduction (or simplicity) of circuit design without degrading performance, and at a lower cost. Component cost is certainly part of it.

But when will someone invent a "non-etching" PC board? Foolproof methods for winding toroids? An all-band, no-tuner required compact HF antenna, easily operated from an apartment? What about inexpensive test equipment? Without low-cost entry level rigs, how will we improve the radio art?

And what resources are we dedicating to this aspect of the hobby? Sure, there are wonderful QRP kits out there, inexpensive and easily "tinkered-with". Yet it is important to not restrict the entry to the hobby to QRP operation. The demise of Heathkit in the Amateur Business removed the last opportunity a "typical" ham had to build a full-featured, QRO, HF radio. Even when they were available, they were expensive.

I issue a challenge, to develop and kit a full-featured QRO radio kit, multi-band, easy to build, for less than \$100. Overly ambitious? Probably. But part of the problem we have is lack of ambition, and lack of carefully-articulated goals.

Speaking of challenges, the ARRL purports to represent amateur radio in the United States. Yet, according to an editorial in CQ VHF (March 1997), League membership represents only 23% of licensed American amateur operators. If we are serious about representing the amateur community, we need a no-cost membership. Voting membership.

No other services would be available -- no QSL bureau, no QST, no free help in fighting antenna ordinances. Rather, just the

opportunity to elect section managers, division directors, and others, and voice opinions that (for the moment) are neglected. And not charge \$36 per year for that right.

So, you may (correctly) ask, just what is the answer? How do we attract those amateurs we want, while keeping the unsavories out? It is certainly not an easy question. Radio no longer has the fascination it once had. Technologically, while modes have perhaps advanced some, methods have advanced practically nil. We must focus on the means as the "container of joy" to be found in amateur radio. The idea of the means being as important as the communication itself.

In addition, we must, must bring back the lost art of elmering. Elmers became unnecessary when commercially available equipment became available, not when licensing standards changed. The decline began with the onset of the "plug and play" mentality, long before Microsoft.

A few years back, a friend of mine and I were having a conversation about an ad we saw in one of the ham magazines. Not to belittle the advertiser, but the advertisement was for an "antenna, wire, that worked all bands with low SWR, perfect for solid-state rigs." In the fine print, it read "with a tuner." Priced at an "amazingly low \$150", the kit consisted of \$5 worth of wire and three ceramic insulators, with instructions on how to "cut" the antenna (meaning, place it around the ceramic insulator, twist the wire, solder if necessary).

This ad suggested to me that the advancement of the radio art had indeed ceased.

We must return to kits and homebrew, with guides to help the inexperienced, as a very, very low cost method of entering the hobby. We are not here to provide a return on investment of the commercial rig manufacturers on the back of teenagers.

Ten-Tec, for one, has always provided, in my humble opinion, an excellent balance between homebrew and commercially built radios. MFJ is moving in that direction. But the availability of such materials is no substitute for elmers helping those on the air to improve their skills, and discover the joy of learning.

Why is it that every school has at least a stated goal of internet connection, and not an amateur radio station? Why is it that there are debate, math, language, and other "academic" teams in our high schools and colleges, but no radio teams? It would be a simple task indeed to create radio clubs in every school, and have an annual

competition, crowning champions in every state, region, and national. How much positive press would we get out of crowning a national high school radio champion? Particularly one that built everything from scratch?

I'm not convinced that ham radio is gasping its last, at least not yet. But until we redefine ourselves as something other, something more, than simple communicators, we will continue to suffer. And until we find a way to express the joy of the methods, rather than the ends, we can expect our ranks to diminish technically. And until we begin helping those amongst us to enter and progress in the hobby, we can continue to expect the self-centered garbage that currently populates our HF (and none to infrequently, VHF) bands.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
ARRL VE - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq
~~~~~

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: kd7s@psnw.com (Bill Jones)  
Subject: [12786] Re: 38S: Multi-Turn Pot Source/Suggestions/Etc. ??  
Message-ID: <199702222046.MAA02524@sierra.psnw.com>

Mike, W8DN wrote:

> Along a similar line, I remember reading about the LED bar graph display  
> designed by last years contest winner. Has his circuitry been made public  
> or is this to be in an upcoming issue of QRPP?

A description of my LED bar graph display was sent to Doug Hendricks a few days ago. It included theory, schematic, construction and alignment details as well as a PC board layout. Doug hinted strongly that it may show up in the March QRPP.

If you would like to see a photograph of my 38 Special with its "electronic sliderule dial" check out the NorCal web page and look at the February meeting info.

=====

Bill Jones - KD7S <><  
Sanger, California

Reply to kd7s@psnw.com

=====

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [12761] Re: 50 Hz digital UTC clock?  
Message-ID: <199702221242.HAA34292@nss2.CC.Lehigh.EDU>

Arjen,

I believe I am the person that mentioned the Whiterook CK-1 clock kit. I built one several weeks ago and have experienced NO digital hash. The clock sits about 12 inches from my Kenwood TS-430s. Great kit BTW, I really love those large red LED's as well as the seconds display ! Also, this clock is very accurate, I find myself checking it against W W V all the time. Hope this helps ! Take care.

73,

Steve Hurst

KA7NOC

standard disclaimer

-----

Arjen Raateland wrote:

> Date: Thursday, February 20, 1997 1:41 PM

>

> Somebody on this list mentioned the UTC clock made by Whiterook. The  
> company informed me that the display is multiplexed. Considering that  
> the case is made of plastic, I wonder if it's not going to cause massive  
> digital hash. Hey, I experience hash at least on 2 m from digital  
> equipment that's in metal cases.

> ( snip )

> That's why I'm curious to hear about what other owners' experience are.

> Maybe other European readers have suggestions as to where to get a 50 Hz

> digital (read-out) UTC-clock?

>

> 73, OH2ZAZ

>

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: martin38945@juno.com  
Subject: [12779] Re: Adam KD6POC  
Message-ID: <19970222.141306.3703.3.martin38945@juno.com>

Dear Ken and Friends,

I would strongly advise against E-mailing Adam, KD6POC. He made his statements in a public forum (QST) and he did not request private responses. Let's show him some respect and leave his E-mail box empty unless he specifically asks for responses through that medium. Our letters to QST, stating our position and thoughts on the subject, should suffice. After reading the many thoughtful comments here, it should be apparent that the QRP community has many able spokespersons. I am quite sure that QST will publish a representative sample of opinion that disagrees with Adam.

Thanks to the many QRP friends who responded to my comments on the issue.

vy 73,

Martin W9XN QRP-L #998

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: Dan Hogan <dhhogan@lightside.com>  
Subject: [12780] Re: Adam KD6POC  
Message-ID: <3.0.16.19970222103118.258789e4@mail.lightside.com>

Hey Guys:

Why are we oicking on him. It's his opinion and he is entitled to it. QRP is our opinion. I DO NOT WANT TO BE KNOWN AS BEING PART OF A GROUP THAT FLAMES PEOPLE WITH DIFFERENT OPINIONS. Let the thread die.

At 10:32 2/22/97 EST, CHARLES K BROWN Wrote  
>Adam, of the March QST/ QRP article fame has Email -- KD6POC@juno.com  
>  
>From: QRZ E-MAIL Callsign Server <lookup@qrz.com>  
[SNIP ADDRESS STUFF]

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,  
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949  
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: gsurrency@juno.com (Gary L Surrency)

Subject: [12789] Re: AT11-New theory  
Message-ID: <19970222.144906.10302.0.gsurrency@juno.com>

Jeff,

After looking inside my AT-11, it seems to me that it is more likely that when you had the xtal standing up, it was shorting out the pads below it. If you look at the pads and the 1 megohm 1/8 watt resistor near the xtal, they are in a position that could be contacted by the bottom metal surface of the xtal can.

So much for mystical reasons of malfunction.

72,

Gary Surrency AB7MY  
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)  
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH  
Az ScQRPions

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: Chris Cartwright <ccart@dns.vidtel.com>  
Subject: [12765] Re: Coherent CW?  
Message-ID: <Pine.LNX.3.93.970222091612.318B-100000@dns.vidtel.com>

On Fri, 21 Feb 1997, Heron, George wrote:

> Wondering if anyone recalls what "Coherent CW" is, or if it's still an  
> active technique?

The only place I think I've seen this mentioned is in some of the LOWFER (1750 meters) stuff on the web. Seems to me they were getting CW through with \*no\* discernable signal, 1000 miles on a watt I think. The computers kept printing out the message even though no one could hear anyone...

|                                           |  |                                |
|-------------------------------------------|--|--------------------------------|
| -- Christopher Cartwright, Tech. Engineer |  | ...our chief weapons are fear, |
| -- Voice 301.990.0735 N3XRV QRP-L #655    |  | fear and surprise, and nice    |
| -- Mail ccart@vidtel.com                  |  | red uniforms, oh damn!!        |
| -- ccart@erols.com                        |  | -- Monty Python                |

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997

From: "Dean T. Miller" <dtmiller@dsminet.com>  
Subject: [12791] Re: Coherent CW?  
Message-ID: <9702222242.AA10038@dsminet.com>

Hi All,

At 09:19 AM 2/22/97 -0500, Chris Cartwright wrote:

>On Fri, 21 Feb 1997, Heron, George wrote:

>

>> Wondering if anyone recalls what "Coherent CW" is, or if it's still an  
>> active technique?

>

>The only place I think I've seen this mentioned is in some of the LOWFER  
>(1750 meters) stuff on the web. Seems to me they were getting CW through  
>with \*no\* discernable signal, 1000 miles on a watt I think. The computers  
>kept printing out the message even though no one could hear anyone...

Yup. The receivers look for a distortion in the noise.<g> The transmitter  
and receiver must be synchronized to within nanoseconds (well, on LOWFER,  
maybe a microsecond will do it) so that the receiver looks for a signal that  
is not only exactly on frequency, but has an exact, pre-known phase  
relationship any to the timing reference.

Several stations could be using the exact same frequency at the same time, as  
long as their phase relationship to the timing reference was different.

-- Dean -- from Des Moines (KB0ZDF)

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [12756] Re: Debugger 1 Day 6 - Interim 3  
Message-ID: <199702220614.XAA21773@zia.aoc.nrao.edu>

Larry,

Hope that's not the rig you were planning on using for FYB0!

I love your posts and updates.

Paul NA5N

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [12750] Re: FYB0 AB7TT on Mingus MT.

Message-ID: <Pine.A41.3.95b.970221195556.92538A-100000@homer18.u.washington.edu>

Its late...nearly 0400 Zulu now but I'll get on and see if ol'  
Joe is awake with the radio on. I used to hunt and hike on Mingus  
Mt. when I was a kid. There's a place called Potato Patch up there  
and that's where we'd pitch our camp. We could hike for days and  
not see a soul. Pretty dry up there too. Neat place...they prob'ly  
got condos up there now, hi hi :)

Stephen Lee, AB7HI, Tacoma, WA  
slee@u.washington.edu

On Fri, 21 Feb 1997, Floyd Smithberg wrote:

> Just rcvd word from Joe AB7TT camped on Mingus MT. 8500' that it's 30F at  
> 0320Z and he's on 7040 practicing for FYBO sending with mittens on. Give  
> him a call.  
> Floyd NQ7X Phoenix ScQRPion dm33uq  
> ARCI G-QRP NORCAL ARRL  
>  
>  
>  
>

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>  
Subject: [12752] Re: FYBO Forecast  
Message-ID: <Pine.A41.3.95q.970221211508.46642A-100000@hector.NMSU.Edu>

Darn, wish I was still in Alaaka! May have to turn on the air  
conditioner to get the "operator" position temperature down a bit!

Will be on for only part. I'll look for you guys!

Tim K5OI

On Sat,  
22 Feb 1997, Ed Manuel wrote:

> Weatherperson says middle 30s for Houston tomorrow night. Hot Dog!  
> Multipliers! All youse guys up north complaining of 60s eat your heart out!  
>  
> Ed, N5EM  
> In the nearly frozen South.  
>



>

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [12759] Re: Kite antennas?/FYB0  
Message-ID: <Pine.SUN.3.91.970222002956.26801A-100000@kitsune.swcp.com>

Hi Jim, I thought I was the only kite flying qrp'er out there!!! Tomorrow, weather permitting I will be flying my Delta Conyne. My present antenna will be a 1 wave zepp cut for 40m fed a quarter wave in with 300 ohm twin lead. My kite has enough poop to lift the feedline 30 feet into the air even with a modest wind!! Tomorrow I will look for you so we can have a kite to kite contact while I'm sitting under a leantoo(sp?) at about 6500ft and of course the temp will be -35.....can we figure in the wind chill, Joe?? If the above antenna doesn't work to my expectations, then I will try the old trusty half wave end fed with maybe 3 above ground radials. So, if you hear a someone using a bug, with a signal going up and down very drastically (wind condx), it may be yours truly. 72, good luck in the contest. Tom WB5QYT ....PS: If I decide to use the 49'er tomorrow, anyone want to come and hold the rig down on the table so the kite won't pull it off the table?

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
Subject: [12745] Re: New QRP Photo Web Site!!!  
Message-ID: <v03007800af33d1551e4d@[129.74.35.16]>

You can also send photos to me for inclusion on the Internet QRP Club Web Site. Contact me for details.

<<http://qrp.cc.nd.edu/qrp-1/>>

72

--Steve

>Hi Everyone!

>

>I just added a unique page to our website: "The Joys of QRP!"

>

>This section of our site features photos of QRP rigs with our Pocket  
>Mini-Keys and Pocket Mini-Paddles.

>  
>I hope you all like this unique concept of mine. It should prove to be a  
>lot of fun!  
>  
>So far, we only have a couple of photos. We'd love to have more!!! I  
>invite all of you to submit similar photos \*via E-mail\* to be included in  
>this special section of our web site.  
>  
>You may go there directly with this URL:  
>  
><http://www.west.net/~wpc/joys.html>  
>  
>Have Fun! 72/73, John  
>  
>-----  
>John L. Roblin, WA6KY0 (QRP-L #759)  
>Whiterook Products Company (WPC)  
>309 South Brookshire Ave.  
>Ventura, CA 93003-4413 U.S.A.  
>  
>Telephone & Fax: +1-805-339-0702  
>E-mail: [wpc@west.net](mailto:wpc@west.net)  
>World Wide Web Site: <http://www.west.net/~wpc/>  
>  
>Manufacturer of Unique Amateur Radio Products, Pocket Mini-Keys &  
>Mini-Paddles, Electronic Kits, and Commercial Grade Clocks.  
>  
>\*NEW! QRP T-Shirt, Pocket Mini-Keyer, Pocket Micro-Key, QRP Antenna Items  
>Check out our new JOYS OF QRP photo section of GREAT QRP Gear!!!  
>-----

---

Steve Hideg, N8HSC/9 QRP-L #136  
Check out the Internet QRP Club's site on the WorldWide Web:  
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: Ed Tanton <n4xy@avana.net>  
Subject: [12778] Re: Oscilloscope Question (Frequency Measurements)  
Message-ID: <3.0.1.32.19970222135519.0099d100@tiger.avana.net>

Most oscilloscopes will display signals well beyond their rated BW. The problem is that what they display is not necessarily what is there. They

are not displaying the leading edges of the waveforms with any accuracy at all, and that is typically why you look at an RF waveform with a scope. Aside from buying a new scope, the simplest way to display higher frequency signals on a scope is to mix them down to a useable frequency. Since you are not cutting the mixer on and off (with your keying) the edge of the waveform is not necessarily altered via the mixing process. I would check the accuracy of the presented waveform after construction of such a mixer on a scope that WOULD display all the frequencies to be certain the circuit parameters are not changing things besides frequency. Use either an NE-602 or just try a doubly-balanced mixer diode set and a simple oscillator and see what you get. Don't forget impedance matching/etc.

72/73

Ed Tanton N4XY      EMAIL: n4xy@avana.net      TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail  
Marietta, GA 30068-3466

QRP-ARCI#7663      G-QRP#6779      OK-QRP#172      QRP-L#758      AdvRC#140  
NORCAL#1779      NCDXF      SEDXC

Life Member: ARRL      AMSAT      IDRA      INDEXA      QCWA  
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>  
Subject: [12755] Re: Ten Tec 1340  
Message-ID: <330E7C9F.5C28@edcen.ehhs.cmich.edu>

Glenn, have you run your questions abt the TT 1340 past Garry Green at TenTec yet? He might hold some answers for you.

Gary/N8AYY

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: martin38945@juno.com  
Subject: [12766] Re: WHY QRP comment  
Message-ID: <19970222.091639.10039.0.martin38945@juno.com>

Dear Brian,

"Young" Martin hasn't been 17 since 1967... I think you have me confused

with Adam, KD6POC. I \*responded\* to the letter Adam submitted to QST. I built my first QRP rig in 1963, a xtal controlled 6V6-6L6 xmitter with one xtal... 7173.

However, you make some very good points. They just don't apply to me. Ooops...

Martin W9XN QRP-L #998

From owner-qrp-l@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: martin38945@juno.com  
Subject: [12770] Re: WHY QRP comment correction  
Message-ID: <19970222.101810.10039.2.martin38945@juno.com>

On Sat, 22 Feb 1997 10:02:28 -0500 "Brian J Keegan" <bkeegan@viconet.com> writes:

>I'd like to make a correction to my previous message regarding the WHY QRP?  
>letter. I mistakenly used Martin's name when I should have used Adam as I was  
>referring to the letter by KD6POC and not Martin's response.  
>  
>I apologize for any confusion or hard feelings this may have cause.  
>  
>Brian KF2HC

Dear Brian and Friends,

Of course there are no hard feelings. This hobby is all about friends and comradeship... not hard feelings. If I got sliced every time I made an honest mistake then I would look like a diced onion instead of an over-ripe cantaloupe. Go forth and sin... well... sin only when it seems appropriate.

vy 73,

Martin W9XN QRP-L #998

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: af852@rgfn.epcc.Edu (William R Colbert)  
Subject: [12776] re: why QRP?  
Message-ID: <9702221710.AA05997@rgfn.epcc.Edu>

I have been reading the posts about the letter in QST - I have not seen it yet, but there have been some very good answers to this question. I just finished listening to two fellows in a cw qso on 40, both were discussing the qrp question, neither were qrp operators and were mostly against the qrp community. I thought prejudice like that went wxxx away years ago - guess not. Anyway, one said the QRP operation is ok in "its place". And thatg"place" is in the outback, with battery operattxxxx operation only, and it has no place in the modern shack where electrical service is available so one can run many watts. The other fellow said that he does not answer anyone that is not above a certain s unit level above his noise - there forever ruling out probably contacting any qrp operators. Whatever! Going to be very interesting when the EPA/FCC rules are enacted and all those running over the 50 watt level have to fill out many forms, certify radiation leverls and file reports to the government that they have the equipment to measure the above mentioned levels whereas those of us running QRP are mostly exempt (unless there is a change in the rules) because of the low power levels we run. going to be interesting I guess the point to this is that the comments in the QST letter from the new ham expresses the view of more than a few people on the bands.  
73 Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-1@Lehigh.EDU Sat Feb 22 18:04:45 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: [12787] Re: Why QRP?  
Message-ID: <330F5C4D.86E@dancris.com>

My QST finally arrived, and I could read the letter from KD6POC.

What's all the fuss about? You know he's right in some of his statements. We all know from hunting the Fox that all the work is on the hunters' end. The Fox puts his call out, at whatever level, and we hunters are at the mercy of propagation...if it's good, we nail him, if not then we try next time. The skill is in the hearing of his weak signal.

Guess that's why most of the prizes go to the hunters.

Why do we do it? Well, it's partly the satisfaction of copying a weak signal over fairly respectable distances and through a bunch of QRM, and partly the satisfaction of doing it with equipment we built ourselves.

I'm not knocking QRP, because I love it, but Adam has a point. All the work is on the other end, where the other guy is pulling us out. Says a whole lot for that feller's operating skill.

Pse don't flame this kid. Maybe he'll join us for a foxhunt and see what fun we have.

--

72/73 de Roger N7KT        Mesa, AZ     Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9  
NorCal 1099    CoQRP 176   QRP-L 62    G-QRP 9081   ARCI 8946   NE-QRP 383